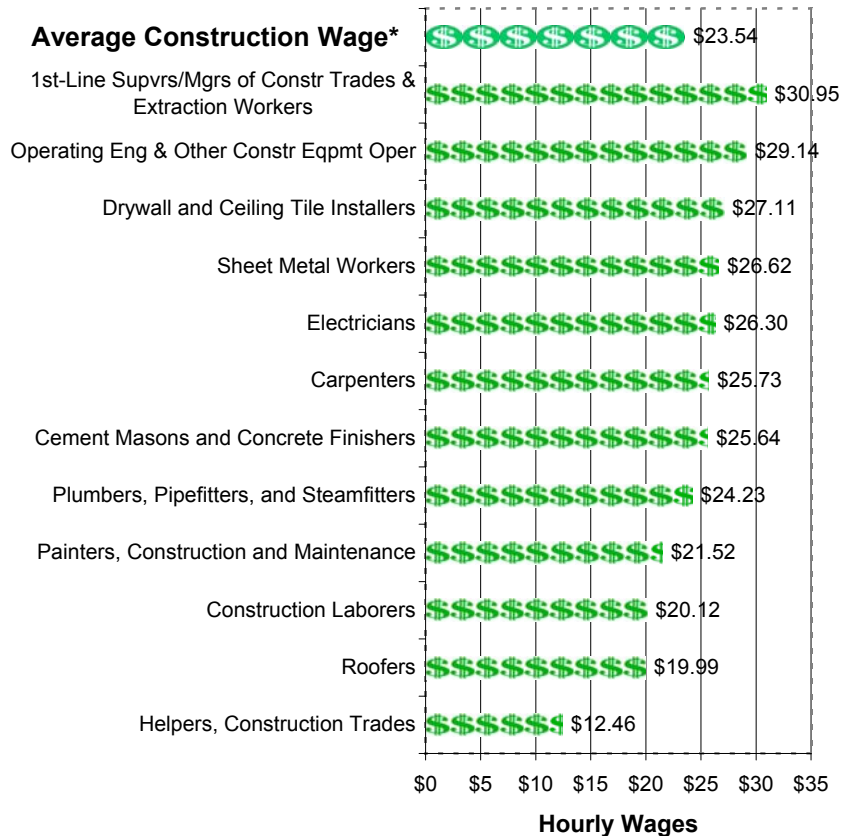




Wages of Selected Construction Occupations

(Ranked by Hourly Wages)



Source: Occupational Employment Statistics Survey, May 2003

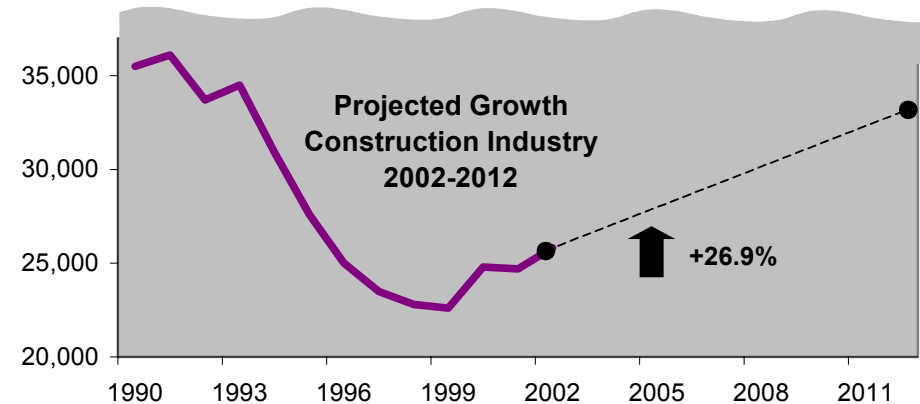
Note: Wages cover workers with different levels of experience. Includes all types of construction projects, not only state and county government contracts. Excludes fringe benefits.

*Average wage for all workers in the construction industry.

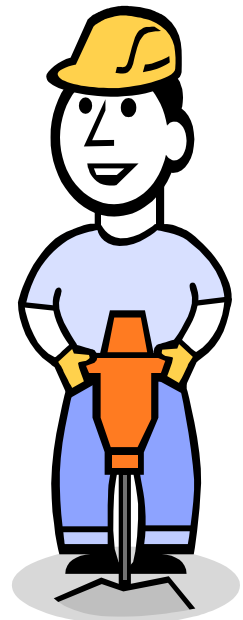
State of Hawaii
Department of Labor and Industrial Relations
Research and Statistics Office
www.hiwi.org
October 2004

Building Your Future in Construction

Industry Outlook



- With a projected growth rate of 26.9% from 2002 to 2012, the construction industry is expected to be the fastest growing industry within the state. Projections from other agencies such as the Department of Business Economic Development and Tourism (www2.hawaii.gov/DBEDT/index.cfm) forecast an increase of 17.1% from 2000 to 2010, while the Hawaii Institute for Public Affairs (www.hipaonline.com) projects 70% growth over the next ten years.
- Nearly 6,840 new jobs are expected to be created between the years 2002 and 2012.
- The construction industry has a wide assortment of jobs requiring varying skills and educational levels.



SELECTED CONSTRUCTION OCCUPATIONS

OCCUPATION/DESCRIPTION	2002 EMPLOYMENT	2012 EMPLOYMENT
Carpenters: Construct, erect, install, or repair structures & fixtures made of wood such as concrete forms; building frameworks, including partitions, joists, studding, & rafters; wood stairways, window & door frames, & hardwood floors. May also install cabinets, siding, dry-wall & batt or roll insulation.	2,850	3,760
Construction Laborers: Perform tasks involving physical labor at building, highway, & heavy construction projects, tunnel & shaft excavations, & demolition sites. May operate hand & power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying & measuring equipment, & a variety of other equipment & instruments. May clean & prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, clean up rubble & debris, & remove asbestos, lead, & other hazardous waste materials. May assist other craft workers.	2,560	3,230
Electricians: Install, maintain, & repair electrical wiring, equipment, & fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	1,790	2,490
Helpers, Construction Trades: Included in this category are seven detailed occupations: Helpers – brickmasons, blockmasons, stonemasons, & tile & marble setters; Helpers – carpenters; Helpers – electricians; Helpers – painters, paperhangers, plasterers, & stucco masons; Helpers – pipelayers, plumbers, pipefitters, & steamfitters; Helpers – roofers; All other construction trades helpers. These helpers perform duties of lesser skill.	1,330	1,660
Painters, Construction & Maintenance: Paint walls, equipment, buildings, bridges & other structural surfaces, using brushes, rollers, & spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency.	1,220	1,540
Operating Engineers & Other Construction Equipment Operators: Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, & grade earth, erect structures, or pour concrete or other hard surface pavement. May repair & maintain equipment in addition to other duties.	1,120	1,370
Plumbers, Pipefitters, & Steamfitters: Assemble, install, alter, & repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating & cooling equipment & mechanical control systems.	700	950
Sheet Metal Workers: Fabricate, assemble, install, & repair sheet metal products & equipment, such as ducts, control boxes, drainpipes, & furnace casings. Work may involve any of the following: setting up & operating fabricating machines to cut, bend, & straighten sheet metal; shaping metal over anvils, blocks, or forms using hammer; operating soldering & welding equipment to join sheet metal parts; inspecting, assembling, & smoothing seams & joints of burred surfaces.	410	540
Roofers: Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, & related materials. May spray roofs, sidings, & walls with material to bind, seal, insulate, or sound-proof sections of structures.	400	520
Cement Masons & Concrete Finishers: Smooth & finish surfaces of poured concrete such as floors, walks, sidewalks, roads, or curbs using a variety of hand & power tools. Align forms for sidewalks, curbs, or gutters; patch voids; use saws to cut expansion joints.	380	540
Drywall & Ceiling Tile Installers: Apply plasterboard or other wallboard to ceilings or interior walls of buildings. Apply or mount acoustical tiles or blocks, strips, or sheets of shock-absorbing materials to ceilings & walls of buildings to reduce or reflect sound. Materials may be of decorative quality.	370	510